

Change(s) applied  
to document,

/A.E./

2/28/2011 Application/Control Number: 10/590,184

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Art Unit: 1651

<sup>1-2</sup>

In claim 6 (line ~~1~~) delete "cultured human corneal endothelial cells" and insert --a cultured layer of human corneal endothelial cells on a transparent type I collagen sheet-- in its place.

In claim 6 (line 5 continued on the next page) delete "human" and insert --a solution containing human--.

<sup>5-6</sup>

In claim 6 (line ~~5~~) continued on the next page) delete "cultured layer of human corneal endothelial cells" and insert --laminate comprising a cultured layer of human corneal endothelial cells and said transparent type I collagen sheet having a thickness ranging from 5 to 50 micrometers-- in its place.

In claim 8 (line 2) delete "a" and insert --said-- in its place.

In claim 10 (line 2) delete "a culture" and insert --the-- in its place, and (line 3) delete "a" and insert --the-- in its place.

In claim 11 (line 3) delete "culture".

In claim 16 (line 3) after "sheet" insert --into the anterior chamber of an eye from which the Descemet's membrane was removed--.

In claim 16 (lines 3-4) delete "transplanting the laminate by inserting it into the anterior chamber" and insert --adding fibronectin to said laminate and inserting the laminate into the anterior chamber-- in its place.

<sup>1-2</sup>

In claim 17 (line ~~1~~) delete "comprising fixing the inserted laminate to the posterior corneal stroma" and insert --wherein the inserted laminate is attached and fixed to the posterior corneal stroma-- in its place.

***Examiner Comments***